

## How Press-O-Film helps protect your investment in maintenance

Before expensive protective coatings are applied, metal surfaces are usually cleaned by abrasive impact. Cleaned surfaces must meet agreed upon profiles for acceptable coating effectiveness and service life. But . . . surface profiles for measurement by conventional techniques are frequently inaccessible or impossible to secure.

Not for "Press-O-Film!"

### Fast, Accurate Profiles with Press-O-Film

A unique replica technique and a simple snap gage (see photo) make possible accurate, low-cost blast surface profile measurements.

"Press-O-Film" makes surface replicas easy to obtain and produces average maximum peak to valley readings that assure optimum blasting effectiveness. Replicas can be stored for reference when needed.

The accuracy of "Press-O-Film" measurements is due to an innovative two level film that can produce virtually exact replicas of abrasive blast surfaces. The film is available in thickness grades that cover the most common range of blast profiles used in industry.



- Coarse Grade profiles from 0.8 to 2.0 mils (20 to 51  $\mu\text{m}$ )
- Paint Grade profiles from 1.3 to 3.3 mils (32 to 85  $\mu\text{m}$ )
- XCoarse Grade profiles from 1.5 to 4.5 mils (38 to 114  $\mu\text{m}$ )
- XCoarse Plus profiles above 4.5 mils (114  $\mu\text{m}$ )

### Key Standards and Practices

#### ■ ASTM D 4417

"Standard Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel"

*Note that a special modified version of the Mitutoyo thickness gage mentioned in this standard is available from Testex, Inc. for use with "Press-O-Film".*

#### ■ National Association of Corrosion Engineers

Standard Recommended Practice — RP0287-87

"Field Measurement of Surface Profile of Abrasive Blast Cleaned Steel Surfaces Using a Replica Tape"

#### ■ Steel Structures Painting Council:

- Steel Structures Painting Manual — Ch. 6. Inspection
- Surface Preparation Specifications: SSPC-SP 5, SP 6, SP 10, SP 11-87T

### Complete "Press-O-Film" Kit

Contains:

- Testex Thickness Gage
  - 1 Roll Coarse Film
  - 1 Roll XCoarse Film
  - Training Surface
  - Burnishing Tool
- Complete instructions for use

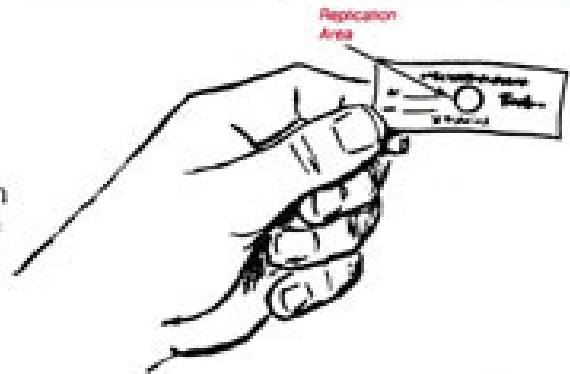
## Accurate Replicas in Three Easy Steps

It is fast, easy and economical to make replicas for measuring blast surface profiles. The only preparation required is a clean blast surface.

### STEP ONE

#### Prepare and Position the Tape

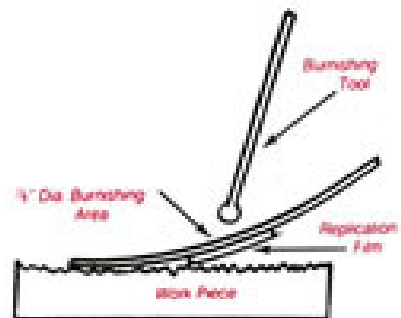
Remove the release paper and bulls-eye that covers the pressure-sensitive tape and the replication film. With the small square of white film facing down, position the tape strip on the surface to be measured. Rub a finger over the entire tape area to set the adhesive and avoid movement during replication.



### STEP TWO

#### Burnish the Film

Apply moderate pressure with the burnishing tool all over the circular cut-out in the tape. The rubbing must be complete and fairly uniform to insure accurate gaging. When done correctly, the burnished area will appear as a gray circle. A "pebblegrain" appearance indicates excessive burnishing pressure. Remove the tape. The replica is now ready for measurement.

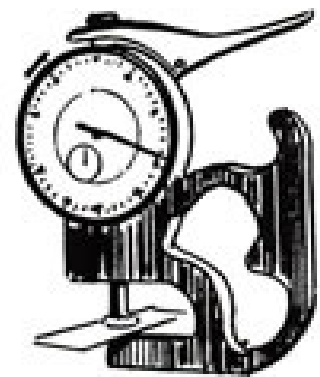


### STEP THREE

#### Measurement

Check the snap gage to make sure that the anvils are clean. Also check adjustment . . . gage should read "zero" with anvils closed. To simplify "Press-O-Film" readings, the gage may be adjusted to read "8" with the anvils shut. This will eliminate the need to subtract the film base thickness from the surface measurement.

Place the replicated area between the anvils and gently lower the movable anvil onto the film. Try the gage in several places near the center of the replica to insure an accurate reading.



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